



FEMA

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, July 15, 2017

Issued: 0800 CT

Day 1 Hazards: Some isolated heavy rain/flash flooding possible over S-Central NM and W TX.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Jennifer McNatt
817-978-1100 x 147**

Key Points



Today

- Some isolated heavy rainfall/flash flooding possible over S-Cntrl NM & W TX

Sunday - Wednesday

- No significant weather expected

Tropical Weather Outlook

- No new tropical cyclones are expected during the next 5 days

*FEMA Region 6 Threat Matrix

Jul 15, 2017 - Jul 19, 2017

	SAT	SUN	MON	TUE	WED
Severe Weather					
Heavy Rain / Flash Flooding	S-Cntrl NM, W TX				
Heat					
River Flooding					
Tropical Weather					

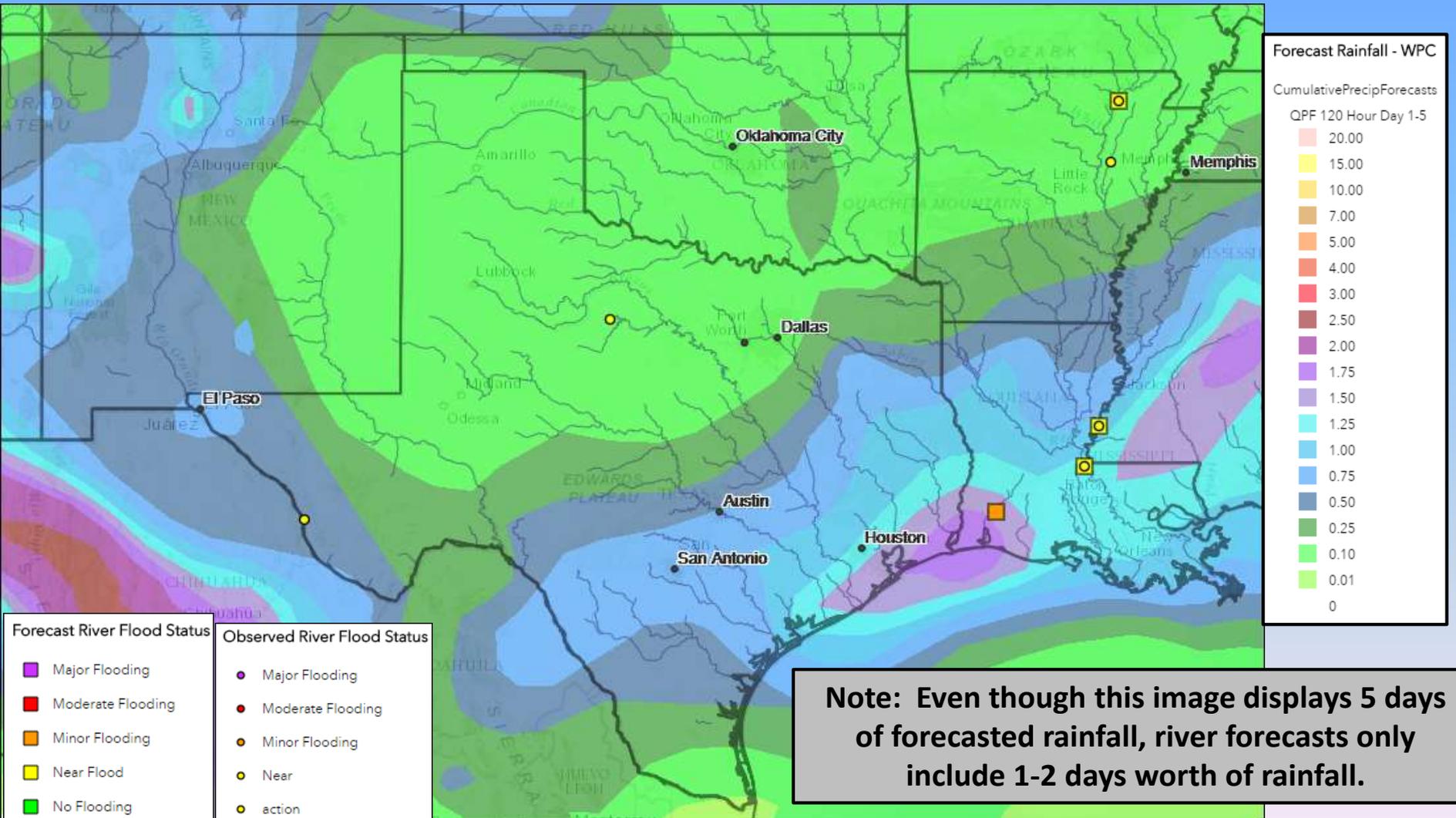
-  No Weather Threats Expected
-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



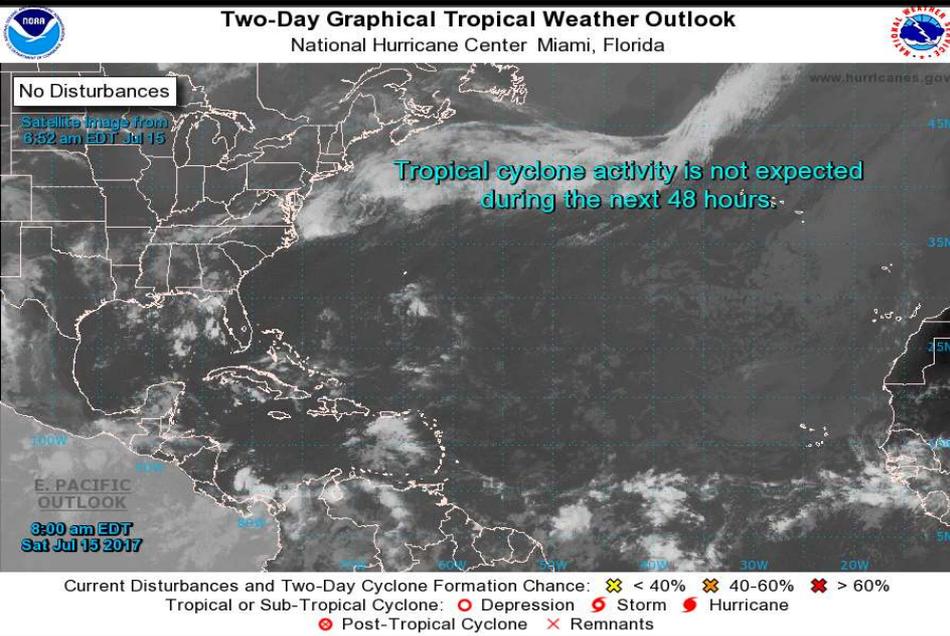
5-Day Precipitation Forecast & River Flood Status

No significant river flooding occurring or expected.



For the latest on river flooding: <http://water.weather.gov/ahps>

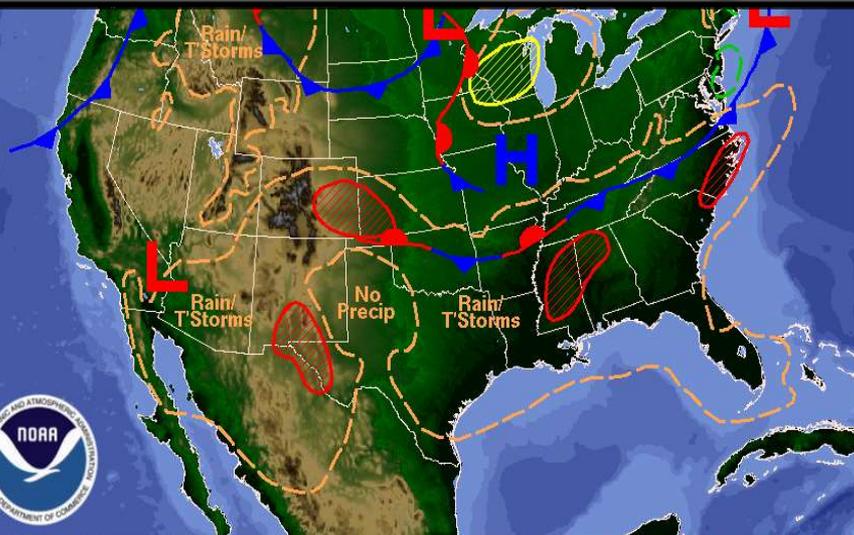
Tropical Weather Outlook



No new tropical cyclones are expected during the next 5 days.



Today's Weather

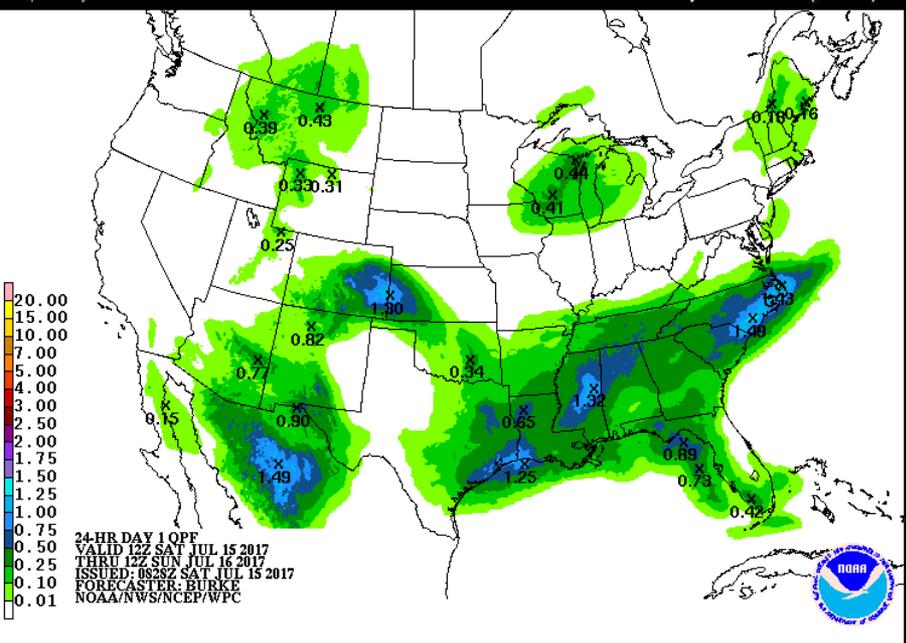


Some isolated heavy rainfall/flash flooding possible over S-Central NM and W TX.

Day 1 National Forecast Chart

Valid Sat, Jul 15, 2017, issued 4:49 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Tate with WPC/SPC/NHC forecasts

- Rain
- Rain and T'Storms
- Rain and Snow
- Snow
- Flash Flooding Possible (hatched)
- Severe T'Storms Possible (hatched)
- Freezing Rain Possible (hatched)
- Heavy Snow Possible (hatched)



24-HR DAY 1 QPF
 VALID 12Z SAT JUL 15 2017
 THRU 12Z SUN JUL 16 2017
 ISSUED - 0632Z SAT JUL 15 2017
 FORECASTER: BURKE
 NOAA/NWS/NCEP/WPC



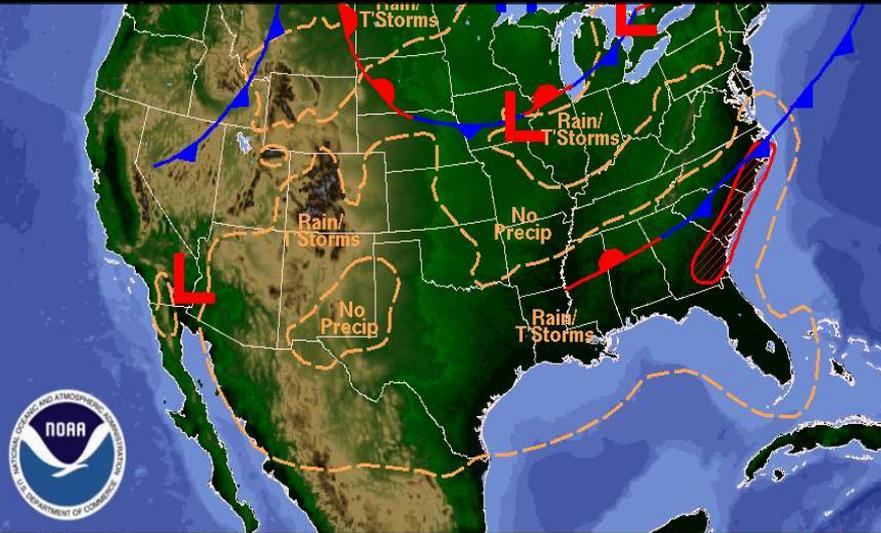
Severe Weather Outlook Saturday, July 15, 2017

Last Updated: Jul 15 2017 12:55 AM CDT
 Valid Until: Jul 16 2017 6:00 AM CDT

- 5 High
- 4 Moderate
- 3 Enhanced
- 2 Slight
- 1 Marginal
- Thunder

Tomorrow's Weather

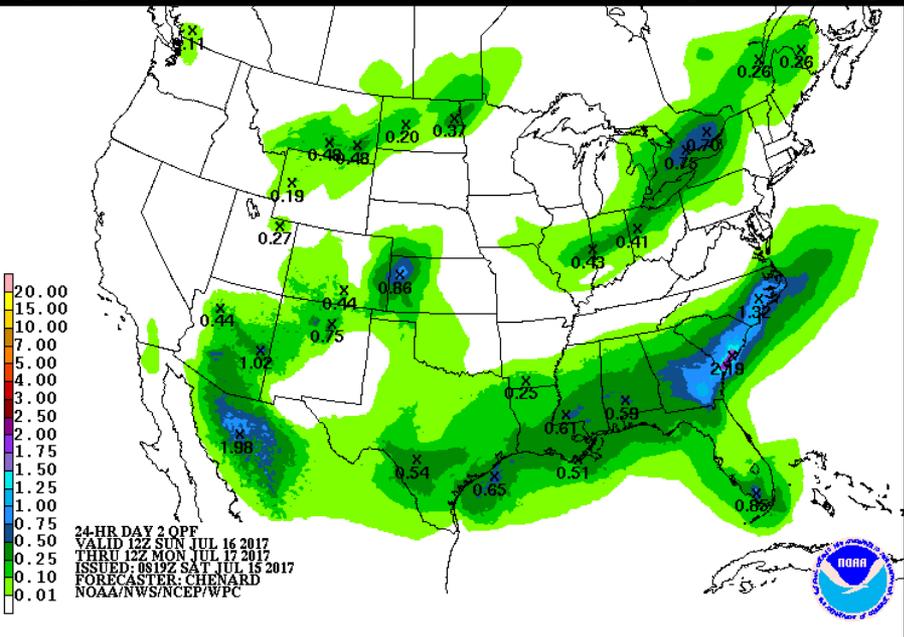
No significant weather expected.



Day 2 National Forecast Chart

Valid Sun, Jul 16, 2017, issued 4:52 AM EDT Sat, Jul 15, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Tate with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24-HR DAY 2 QPF
 VALID 12Z SUN JUL 16 2017
 THRU 12Z MON JUL 17 2017
 ISSUED: 0819Z SAT JUL 15 2017
 FORECASTER: CHENARD
 NOAA/NWS/NCEP/WPC

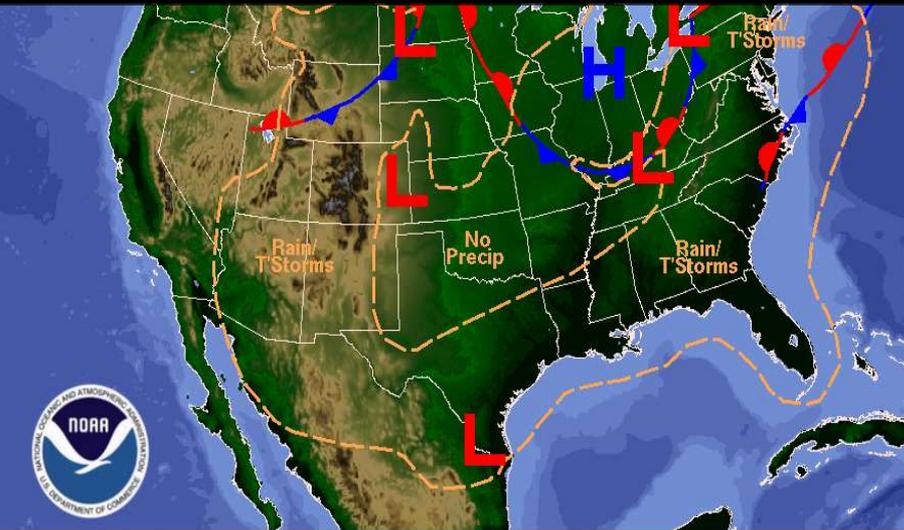


Severe Weather Outlook
 Sunday, July 16, 2017

NOAA
 National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

Monday's Weather

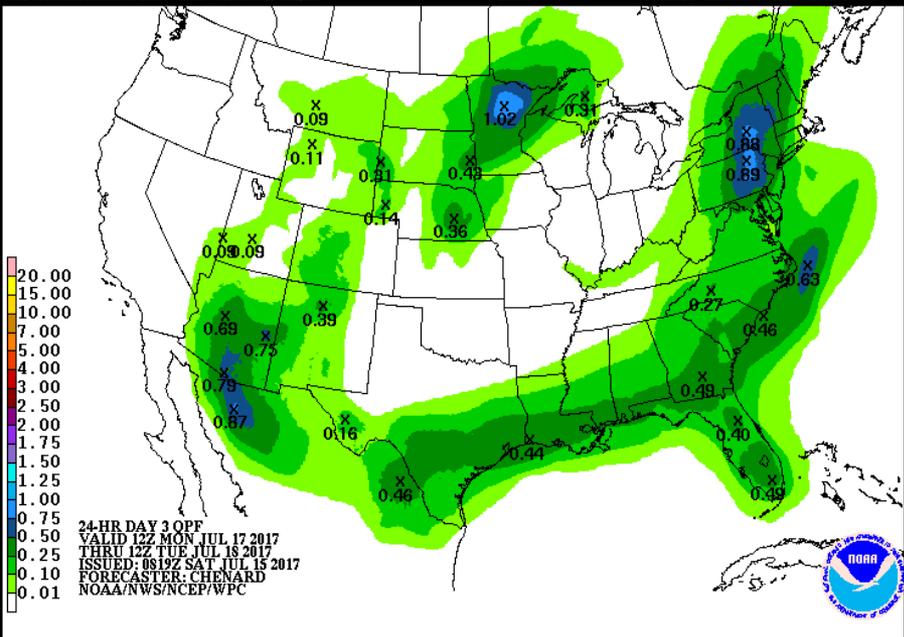
No significant weather expected.



Day 3 National Forecast Chart

Valid Mon, Jul 17, 2017, issued 4:55 AM EDT Sat, Jul 15, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Tate with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24-HR DAY 3 QPF
 VALID 12Z MON JUL 17 2017
 THRU 12Z TUE JUL 18 2017
 ISSUED: 0819Z SAT JUL 15 2017
 FORECASTER: CHENARD
 NOAA/NWS/NCEP/WPC



Severe Weather Outlook
 Monday, July 17, 2017

Last Updated: Jul 15 2017 02:38 AM CDT
 Valid Until: Jul 18 2017 07:00 AM CDT

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

Day 4-5 Weather Hazards

Valid: 0800 Tue - 0800 Thu



No significant weather impacts expected.

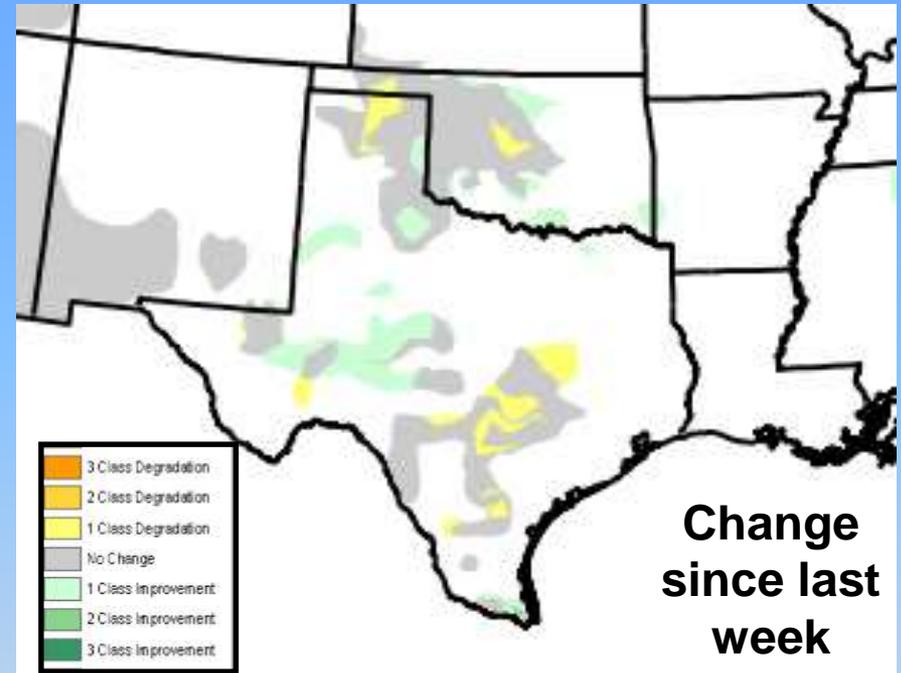
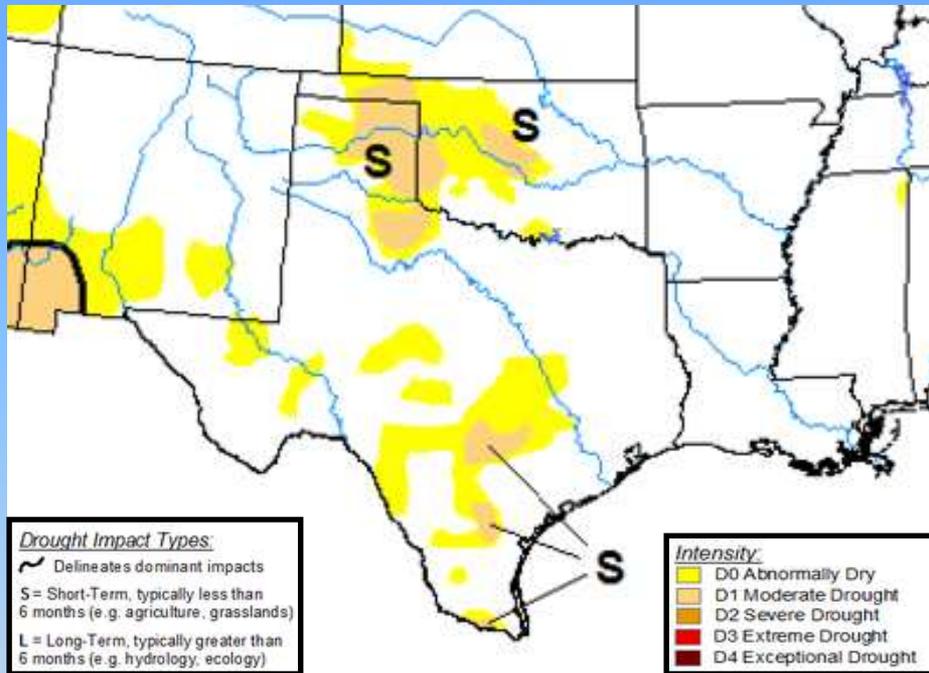
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released July 13, 2017

Data valid as of 7am CST, Tuesday, July 11, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

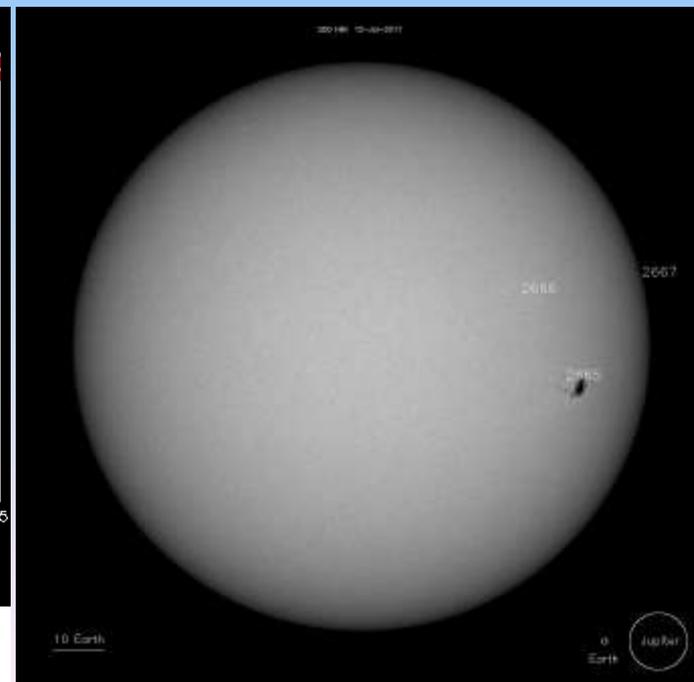
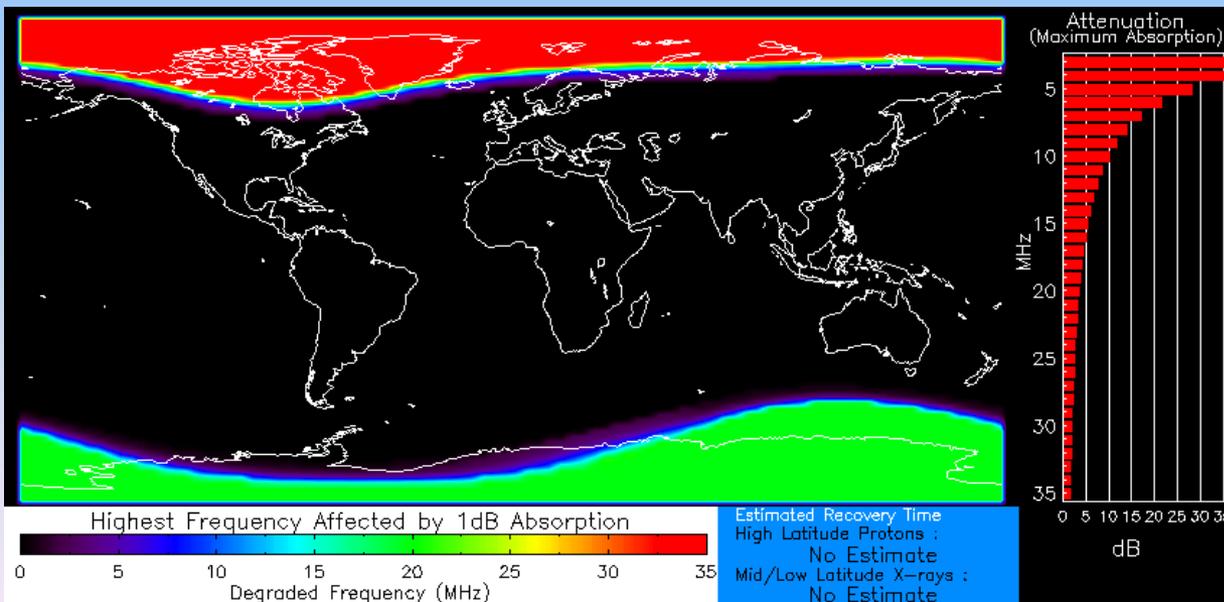
Space Weather 3-Day Forecast



	Saturday	Sunday	Monday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Moderate (G2) Storm (Max Kp = 6)	Minor (G1) Storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	99%	75%	65%
Radio Blackout (R1-R2)	30%	30%	30%
Radio Blackout (R3-R5)	5%	5%	5%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



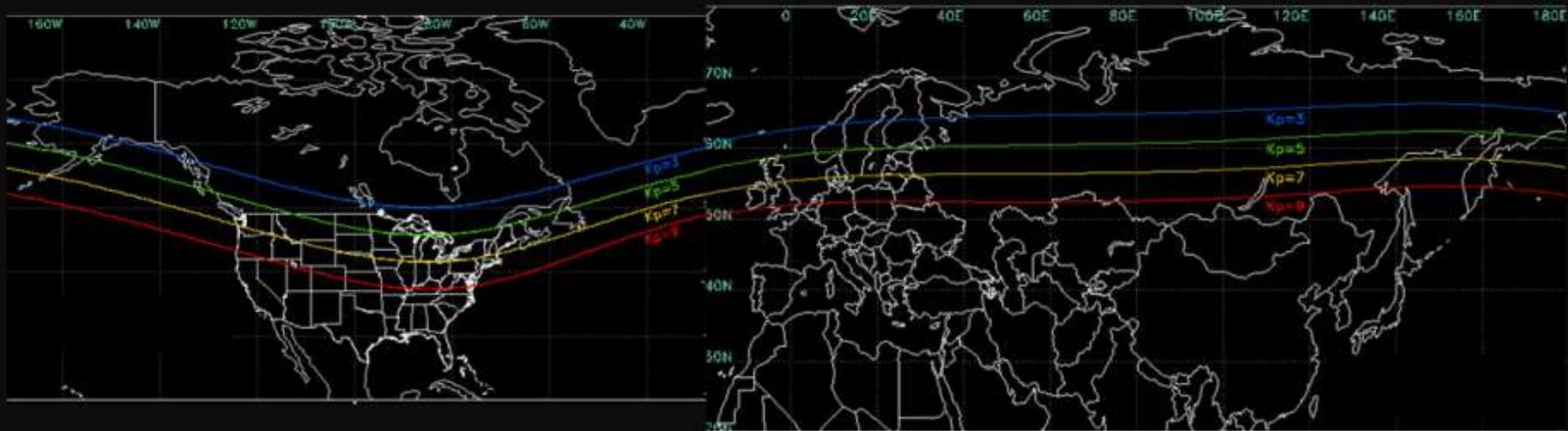
Normal X-ray Background
Product Valid At : 2017-07-15 12:25 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

G2

Moderate geomagnetic storm watch valid for:
16-17 July 2017

Most likely area of Aurora Extent: between the green line (Kp=5)
and the yellow line (Kp=7)



For updating aurora visibility information go to the SWPC aurora (OVATION-Prime) model:
<http://www.swpc.noaa.gov/products/aurora-30-minute-forecast>

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<p>Very Common</p> <p>Safety: Rarely a Direct Threat to Life and Property</p> <p>Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<p>Severe: Marginal Risk from SPC</p> <p>Flooding: Minor flooding expected over localized areas</p> <p>Tropical: None</p> <p>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active</p>	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	<p>Somewhat Common – Happens Frequently</p> <p>Safety: Rarely a Direct Threat to Life and Property</p> <p>Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	<p>Severe: Slight Risk from SPC</p> <p>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas</p> <p>Tropical: A weak tropical wave expected to move towards or near any coastline</p> <p>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook</p>	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	<p>Uncommon – A Few Times a Year</p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable</p> <p>Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<p>Severe: Enhanced Risk from SPC</p> <p>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas</p> <p>Tropical: A Tropical Storm expected to move towards or near any coastline</p> <p>Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions</p>	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	<p>Rare – Once every 1-5 Years</p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed</p> <p>Impact Potential: Will likely result in Large Disruption to Daily Life</p>	<p>Severe: Moderate Risk from SPC</p> <p>Flooding: Moderate flooding expected over a widespread area (including urban locations)</p> <p>Tropical: A Hurricane expected to move towards or near any coastline</p> <p>Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought</p>	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	<p>Very Rare – Once Every 5-10 Years</p> <p>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed</p> <p>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p>	<p>Severe: High Risk from SPC</p> <p>Flooding: Major flooding expected over a widespread area (including urban locations)</p> <p>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline</p> <p>Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought</p>	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms